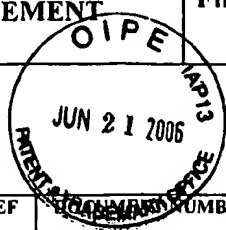


IDS - 06/21/2006

INFORMATION DISCLOSURE STATEMENT	Docket No. 22338-00403	Application No. 09/854,208
	Applicant(s): Jian Chen et al.	Examiner: Jiang, Dong
	Filing Date: May 10, 2001	Group Art Unit: 1646

**U.S. PATENT DOCUMENTS**

Examiner Initial	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
DJ		WO 00/20593	13 Apr 2000	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER /Dong Jiang/	DATE CONSIDERED 08/03/2006
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
Form PTO-A820 (also form PTO-1449)	
SHEET 1 OF 1	

FORM PTO-1449

JUL 23 2001

U.S. Dept. of Commerce
Patent and Trademark OfficeAtty Docket No.
P1381R1D1Serial No.
09/854/208

LIST OF DISCLOSURES CITED BY APPLICANT

(Use several sheets if necessary)

Applicant
Chen et al.Filing Date
10 May 2001Group 1646
~~not yet assigned~~

U.S. PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date
DJ	* 1	5,536,637	16.07.96	Jacobs, K.			

FOREIGN PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Country	Class	Subclass	Translation Yes	No
DJ	* 2	WO 98/49310	05.11.98	PCT				
	* 3	WO 99/03982	28.01.99	PCT				
	* 4	WO 99/32632	01.07.99	PCT				
	* 5	WO 99/35267	15.07.99	PCT				
	* 6	WO 99/61617	12.02.99	PCT				

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)

DJ	* 7	Aarvak et al., "IL-17 Is Produced by Some Proinflammatory Th1/Th0 Cells but not by Th2 Cells" <u>Journal of Immunology</u> 162:1246-1251 (1999)						
	* 8	Albanesi et al., "IL-17 Is Produced by Nickel-Specific T Lymphocytes and Regulates ICAM-1 Expression and Chemokine Production in Human Keratinocytes: Synergistic or Antagonist Effects with IFN- γ and TNF- α " <u>Journal of Immunology</u> 162:494-502 (1999)						
	* 9	Altschul et al., "Local alignment statistics" <u>Methods in Enzymology</u> 266:460-480 (1996)						
	*10	Antonyssamy et al., "Evidence for a role of IL-17 in organ allograft rejection: IL-17 promotes the functional differentiation of dendritic cell progenitors" <u>J. Immunol.</u> 162(1):577-584 (1999)						
	*11	Antonyssamy, M.A. et al., "Evidence for a role of IL-17 in alloimmunity: a novel IL-17 antagonist promotes heart graft survival" <u>Transplant Proc.</u> 31(1-2):93 (1999)						
	*12	Arend et al., "Cytokines and Cytokine Inhibitors or Antagonists in Rheumatoid Arthritis" <u>Arthritis Rheum.</u> 33:305-315 (1990)						
	*13	Ashok R. Amin et al., "The role of nitric oxide in articular cartilage breakdown in osteoarthritis" <u>Current Opinion in Rheumatology</u> 10(3):263-268 (1998)						
	*14	Attur et al., "Interleukin-17 Up-Regulation of Nitric Oxide Production in Human Osteoarthritis Cartilage" <u>Arthritis and Rheumatism</u> 40(6):1050-1053 (Jun 1997)						
	*15	Awane et al., "NF- κ B-Inducing Kinase is a Common Mediator of IL-17-TNF- α , and IL-1 β -Induced Chemokine Promoter Activation in Intestinal Epithelial Cells" <u>J. Immunol</u> 162:5337-5344 (1999)						
	*16	Biesinger et al., "Stable growth transformation of human T lymphocytes by Herpesvirus saimiri" <u>Proc. Natl. Acad. Sci. USA</u> 89:3116-3119 (Apr 1992)						
	*17	BLAST Results A-1 - A-1 (Dayhoff)						
	*18	BLAST Results B-1 - B-10 (Dayhoff)						
	*19	Broxmeyer, H.E., "Is Interleukin 17, An Inducible Cytokine That Stimulates Production of Other Cytokines, Merely a Redundant Player in a Sea of Other Biomolecules?" <u>Journal of Experimental Medicine</u> 183:2411-2415 (Jun 1996)						
	*20	Chabaud et al., "Enhancing Effect of IL-17 on IL-1-Induced IL-6 and Leukemia Inhibitory Factor Production by Rheumatoid Arthritis Synoviocytes and Its Regulation by Th2 Cytokines" <u>Journal of Immunology</u> 161:409-414 (1998)						

Examiner

Dong Jiang

Date Considered

9/13/02

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. Dept. of Commerce
Patent and Trademark OfficeAtty Docket No.
P1381R1D1Serial No.
09/854/208

LIST OF DISCLOSURES CITED BY APPLICANT

(Use several sheets if necessary)

Applicant

Chen et al.

Filing Date

10 May 2001

Group

1646
~~not yet assigned~~

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)

21	Chabaud et al., "Human Interleukin-17: A T Cell-Derived Proinflammatory Cytokine Produced by the Rheumatoid Synovium" <u>Arthritis & Rheumatism</u> 42(5):963-970 (1999)
22	Farndale et al., "Improved quantitation and discrimination of sulphated glycosaminoglycans by use of dimethylmethylene blue" <u>Biochem. Biophys. Acta</u> 883:173-177 (1986)
23	Fleckenstein and Desrosiers, "Herpesvirus saimiri and herpesvirus ateles" <u>In the Herpesviruses</u> , I.B. Roizman, ed., NY:Plenum Publishing Press pps. 253-332 (1982)
24	Fossiez et al., "Interleukin-17" <u>Int. Rev. Immunol.</u> 16(5-6):541-551 (1998)
25	Fossiez et al., "T Cell Interleukin-17 Induces Stromal Cells to Produce Proinflammatory and Hematopoietic Cytokines" <u>Journal of Experimental Medicine</u> 183(6):2593-2603 (Jun 1996)
26	Gordon et al., "Molecular immunobiology of macrophages: recent progress" <u>Current Opinion in Immunology</u> 7:24-33 (1995)
27	Hillier et al., "af37c02.s1 Soares total fetus Nb2HF8 9w Homo sapiens cDNA clone 1033826 3'" (Accession number AA780147) (Feb 6, 1998)
28	Hillier et al., "zf01f09.s1 Soares fetal heart NbHH19W Homo sapiens cDNA clone 375689 3'" (Accession number AA033733) (Feb 4, 1997)
29	Jovanovic et al., "IL-17 Stimulates the Production and Expression of Proinflammatory Cytokines, IL- β and TNF- α , by Human Macrophages" <u>J. Immunol</u> 160:3513-3521 (1998)
30	Jovanovic et al., "Stimulation of 92-kd gelatinase (matrix metalloproteinase 9) production by interleukin-17 in human monocyte/macrophages" <u>Arthritis and Rheumatism</u> 43(5):1134-1144 (2000)
31	Kennedy et al., "Mouse IL-17: A Cytokine Preferentially Expressed by $\alpha\beta$ TCR+CD4-CD8- T Cells" <u>Journal of Interferon and Cytokine Research</u> 16(8):611-617 (1996)
32	Kingsley et al., "Joint destruction in rheumatoid arthritis: biological bases" <u>Clin. Exp. Rheumatol.</u> 15:S3-S14 (1997)
33	Klein et al., "Selection for Genes Encoding Secreted Proteins and Receptors" <u>Proc. Natl. Acad. Sci. USA</u> 93(14):7108-7113 (1996)
34	Kong et al., "Activated T cells regulate bone loss and joint destruction in adjuvant arthritis through osteoprotegerin ligand" <u>Nature</u> 402(6759):304-309 (1999)
35	Kotake et al., "IL-17 in synovial fluids from patients with rheumatoid arthritis is a potent stimulator of osteoclastogenesis" <u>Journal of Clinical Investigation</u> 103(9):1345-1352 (1999)
36	Lennon et al., "The I.M.A.G.E. Consortium: An Integrated Molecular Analysis of Genomes and Their Expression" <u>Genomics</u> (Article #0177) 33:151-152 (1996)
37	Li et al., "Cloning and characterization of the IL-17B and IL-17C two new members of the IL-17 cytokine family" <u>Proc. Natl. Acad. Sci. USA</u> 97(2):773-778 (2000)
38	Lotz et al., "IL-17 Promotes Cartilage Degradation" <u>Cytokines</u> (ACR Abstract Session 10, October 19, 1996, abstract #559) pps. S120 (1996)
39	Luckow et al., "Trends in the Development of Baculovirus Expression Vectors" <u>Bio/Technology</u> 6:47-55 (1988)
40	March et al., "Cloning, sequence and expression of two distinct human interleukin-1 complementary DNAs" <u>Nature</u> 315:641-647 (Jun 20, 1985)

Examiner

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. Dept. of Commerce
Patent and Trademark Office

Atty Docket No.

P1381R1D1

Serial No.

09/854/208

LIST OF DISCLOSURES CITED BY APPLICANT

(Use several sheets if necessary)

Applicant

Chen et al.

Filing Date

10 May 2001

Group

1646
~~not yet assigned~~

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)

DJ	*41	Marra et al., "The WashU-HHMI Mouse EST project, Locus AA763404, 1/27/98, Accessed 12/13/00"
	*42	Martel-Pelletier et al., "Major Signaling Pathways Involved in the IL-17 Induced Nitric Oxide (NO) Production in Human Osteoarthritic Chondrocytes" <u>Orthopaedic Research Society</u> (45th Annual Meeting, Feb 1-4, 1999, pt 2) 24:595 (1999)
	*43	Matusevicius et al., "Interleukin-17 mRNA expression in blood and CSF mononuclear cells is augmented in multiple sclerosis" <u>Multiple Sclerosis</u> 5:101-104 (1999)
	*44	Rouvier et al., "CTLA-8, Cloned from an Activated T Cell, Bearing AU-Rich Messenger RNA Instability Sequences, and Homologous to a Herpesvirus Saimiri Gene" <u>Journal of Immunology</u> 150(12):5445-5456 (Jun 15, 1993)
	*45	Schwarzenberger et al., "IL-17 Stimulates Granulopoiesis in Mice: Use of an Alternate, Novel Gene Therapy-Derived Method for In Vivo Evaluation of Cytokines" <u>Journal of Immunology</u> 161:6383-6389 (1998)
	*46	Seow, H.F., "Pathogen interactions with cytokines and host defence: an overview" <u>Vet Immunol. Immunopathol.</u> 63(1-2):139-148 (1998)
	*47	Shalom-Barak et al., "Interleukin-17-induced Gene Expression in Articular Chondrocytes is Associated with Activation of Mitogen-activated Protein Kinases and NF- κ B" <u>Journal of Biological Chemistry</u> 273(42):27467-27473 (Oct 16, 1998)
	*48	Spriggs, M.K., "Interleukin-17 and Its Receptor" <u>Journal of Clinical Immunology</u> 17(5):366-369 (1997)
	*49	Subramaniam et al., "Evidence for the Involvement of JAK/STAT Pathway in the Signaling Mechanism of Interleukin-17" <u>Biochem. & Biophys. Res. Comm.</u> 262:14-19 (1999)
	*50	Subramaniam et al., "Interleukin-17 Induces Rapid Tyrosine Phosphorylation and Activation of Raf-1 Kinase in Human Monocytic Progenitor Cell Line U937" <u>Biochem. & Biophys. Res. Comm.</u> 259:172-177 (1999)
	*51	Tartour et al., "Interleukin 17, a T-cell-derived Cytokine, Promotes Tumorigenicity of Human Cervical Tumors in Nude Mice" <u>Cancer Research</u> 59:3698-704 (1999)
	*52	Teunissen et al., "Interleukin-17 and Interferon- γ Synergize in the Enhancement of Proinflammatory Cytokine Production by Human Keratinocytes" <u>J. Invest. Dermatol.</u> 111:645-649 (1998)
	*53	Van Bezooijen et al., "Interleukin-17: A New Bone Acting Cytokine In Vitro" <u>Journal of Bone and Mineral Research</u> 14(9):1513-1521 (1999)
	*54	Van Kooten et al., "Interleukin-17 Activates Human Renal Epithelial Cells in Vitro and is Expressed during Renal Allograft Rejection" <u>J. Am. Soc. Nephrol.</u> 9:1526-1534 (1998)
	*55	Vukicevic et al., "Induction of nephrogenic mesenchyme by osteogenic protein 1 (bone morphogenetic protein 7)" <u>Proc. Natl. Acad. Sci.</u> 93:9021-9026 (1996)
	*56	Yao et al., "Herpesvirus Saimiri Encodes a New Cytokine, IL-17, which Binds to a Novel Cytokine Receptor" <u>Immunity</u> 3:811-821 (Dec 1995)
	*57	Yao et al., "Human IL-17: A Novel Cytokine Derived from T Cells" <u>Journal of Immunology</u> 155(12):5483-5486 (1995)
	*58	Yao et al., "Molecular Characterization of the Human Interleukin (IL)-17 Receptor" <u>Cytokine</u> 9(11):794-800 (Nov 1997)
✓	*59	Ziolkowska et al., "High Levels of IL-17 in Rheumatoid Arthritis Patients: IL-15 Triggers In Vitro IL-17 Production Via Cyclosporin A-Sensitive Mechanism" <u>Journal of Immunology</u> 164(5):2832-2838 (2000)

Examiner

Dong Jiong

Date Considered

9/13/02

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.